

UTILITY ADVISORY BOARD

Thursday, April 19, 2012

8:00 a.m.

**City of Grand Rapids - Water Administration Building
1900 Oak Industrial Drive, NE**

AGENDA

1. Approval of Minutes – February 16, 2012 (attached)
2. Public Comment on Agenda Items
3. GIS and REGIS Discussion (attached)
4. Incentives to Increase Billed Flow (tabled at February meeting)
5. Financial Reports
 - a. 3rd Quarter FY2012 Financial Reports for Water/Sewer (attached)
 - b. 3rd Quarter FY2012 Statistical Data Report
6. FY2013 Budget – Water Supply System (attached)
7. 1st Qtr. 2012 ACSET/Individual Circuit Breaker Report (attached)
8. Water System Updates:
 - a. Residential Cross Connection Program for 2012
 - b. Customer Information System
 - c. 2011 Water Quality Report (attached)
 - d. Homeowner Water Service Line Insurance Plans FAQ (attached)
9. Contract Awards for March (attached)
10. Items from Members
11. Next Meeting – Thursday, May 17, Where?
12. Adjournment

**Utility Advisory Board
February 16, 2012**

1. **Call to Order**

The meeting was called to order by Vice Chair Brian Donovan at 8:00 a.m., at City of Grand Rapids Wastewater Treatment Plant Auditorium.

2. **Attendance**

Members Attending

Bill Cousins
Mark DeClercq
Brian Donovan
George Haga
Wayne Jernberg
Steve Kepley
Mike Lunn
Pam Ritsema
Scott Saindon
Chuck Schroeder
JoEllen Thompson
Cathy VanderMeulen
Linda Wagenmaker

Others Attending

John Allen
Jana Wallace

Members Absent

Scott Buhner
Eric DeLong
Kathie Kuzawa
Ed Robinette
Toby Van Ess
Josh Westgate
Ron Woods

3. **Minutes**

Motion – 12-04: Bill Cousins, supported by Cathy VanderMeulen, moved to approve the minutes of the January 19, 2012 meeting of the Utility Advisory Board as presented.
Motion carried.

4. **Public Comment**

There was no public comment.

5. Report from Moody's

Jana Wallace, Debt & Authority Finance Officer for the City of Grand Rapids, discussed the February 2, 2012 rating update from Moody's Investors Service. Ms. Wallace reported that 18 months ago the City of Grand Rapids Water Enterprise system received a negative outlook so their February 2, 2012 downgrade from Aa1 to Aa2 was not unexpected. The main reason given for the downgrade was the drop in debt coverage ratio. The City was unwilling to raise rates in order to raise the ratio, so therefore, the rating was downgraded.

Ms. Wallace pointed out the Moody's rating analyst, Emily Robare, is newly assigned to perform the Grand Rapids analysis, and has never visited the city. It will be a goal to bring Ms. Robare to Grand Rapids and vicinity within the next 12 months. Ms. Wallace believes this visit to be important because Grand Rapids shows very well.

Ms. Wallace stated her review of the ratings analysis caused her to raise several points with the analyst. Ms. Wallace did her own analysis of population using the State of Michigan statistics, and found that while there was some movement from the City of Grand Rapids to the customer communities, overall she did not see a drop in Water System users, but rather a gain.

Ms. Wallace was also concerned that the Bureau of Labor Statistics data used by Moody's showed a 15% drop in the labor force. She intends to review this matter further as the State of Michigan statistics shows differently. The discrepancy may be due to the fact that the Bureau of Labor Statistics is not reflecting the change in reporting area that the State of Michigan statistics reflect.

Ms. VanderMeulen noted there are many communities facing similar downgrades and asked if this downgrade is not simply a reflection of the general economic conditions. She also asked if the rating can be expected to be raised back up once conditions improve overall. Ms. Wallace responded by stating she did discuss a number of issues with the analyst, including varying weather conditions, the fact that a focus of Grand Rapids is now on higher education facilities and medical facilities rather than manufacturing, and another focus is sustainability and efforts to be green, all of which impact the Water System. Ms. Wallace stated she suspects the analyst had some preconceived ideas about the State of Michigan that may change once she makes a personal visit here.

Ms. Ritsema pointed out the Aa2 rating is still very good on the scale of bond ratings. Ms. Wallace agreed, and commented that in the past the ratings of both the Water System and Sewer System have been higher than the City of Grand Rapids rating. The Sewer System rating is still higher than the City rating, but now the Water System and City ratings are at the same level.

Mr. Donovan agreed it is a good idea to have the Moody's analyst visit Grand Rapids and suggested the visit include the customer communities of the Water System.

Ms. Wagenmaker pointed out the reason the Water System originally received their upgraded rating was because of the manner in which we set rates and our customer contracts, and those things have not changed. Therefore, when the coverage ratio comes up the rating may change again.

Ms. VanderMeulen stated some of the customer communities do have remaining millage capacity to raise rates if necessary.

Mr. DeClercq agreed that the analyst seemed to paint all of Michigan with a broad brush and that the analyst visit is a good idea.

Mr. Saindon agreed it seems the analyst had preconceived ideas and nothing seemed to sway her opinions.

Ms. Wallace concluded her report by stating the other major rating agency, Standard & Poor's, has not changed their rating of the Water System.

6. Incentives to Increase Billed Flow Update

This item was tabled.

7. Customer Information System Update

Mr. Jernberg reported the steering team met yesterday. They continue to check off items as they are completed. There are some remaining stabilization issues that are being tracked. They will then focus on archiving the past three years of data and hope to have system acceptance within the next three to four months.

Ms. Thompson asked if customer communities have an interest in access to the system. Mr. Kopley stated City of Kentwood is interested in having review access. The information available could be helpful in identifying owners of rental properties, etc. Other communities have expressed interest but have I.T. issues that are preventing access. Ms. Thompson reiterated City of Grand Rapids is willing to work with customer communities to allow access.

8. Contract Awards

2011 Annual Reports for Water and Sewer and January 2012 Reports for Water and Sewer

Mr. DeClercq presented both sets of reports. He noted that on the 2011 reports if a section is left blank that indicates construction is still ongoing. The 2012 January report contains information for both Water and Sewer on the same sheet.

9. Items from Members

Mr. Lunn reported his staff is putting together a mailing of CD's containing environmental tips that will be sent to all UAB members.

Mr. Kepley asked if Water System can provide information on water usage differences on property that went from manufacturing facility to bakery. Ms. Thompson is working on preparing a report.

Mr. DeClercq reported on the solar project at Water System Oak Industrial Drive facility. The primary contract is with Innovatis who has a Canadian supplier of solar panels. They had wanted to sign a change order allowing use of a local supplier, UniSolar. However, UniSolar's parent corporation has filed for Chapter 11 bankruptcy. This should not affect our project because the change order had not been signed.

Mr. Saindon reported the final 2011 rate study is available on the Water System website and he also brought a box of hard copies if anyone wants to take one.

Mr. Schroeder reported on the Grand Rapids Wastewater Treatment Plan energy efficiency projects. Representatives of Consumers Energy and DTE visited. Consumers Energy stated they will provide a \$30,000 rebate and DTE stated they will provide an \$8,000 rebate.

Mr. Schroeder reported a meeting with Caledonia Township representatives is scheduled for tomorrow to discuss the possibility of their joining the UAB.

Mr. Schroeder reported the Grand Rapids Environmental Services Department will have a booth at the upcoming Home and Garden Show at DeVos Place.

10. Next Meeting

Next meeting is scheduled for Thursday, March 15, 2012 and will be held in Grand Rapids at Oak Industrial Drive.

11. Adjournment

The meeting was adjourned at 8:30 a.m.


#3

MEMORANDUM

CITY OF GRAND RAPIDS

DATE: April 10, 2012

TO: Utility Advisory Board

FROM: Eric DeLong 
Deputy City Manager

SUBJECT: GIS AND REGIS

Members of the UAB, including Mike DeVries, Brian Donovan, Cathy VanderMeulen, and Ron Woods, indicated that a discussion of GIS and REGIS was in order. Bill Cousins, on their behalf, framed the request as follows:

"Please include an action item regarding REGIS on the April 19th Utility Advisory Board Agenda. The customer communities are concerned about delays in obtaining good data from the city for installed water and sewer mains, along with the cost of GIS operations for the system that is paid for by customer community residents on top of our REGIS costs. It appears there may be opportunities for consolidation or simplification that would lower costs and improve the operation of the system. Instead of taking a lot of time at the UAB meeting, we may find it best to appoint a committee to delve into the pros and cons of the utilization of REGIS for the water and sewer system."

City Manager Sundstrom met with interested members earlier this year and discussed the attached response to questions they posed regarding this topic. A discussion of this joint interest is timely.

ERD/nlm
Attachment



CITY OF GRAND RAPIDS

March 19, 2012

Mr. Bill Cousins, Township Manager
Cascade Charter Township
2865 Thornhills SE
Grand Rapids, MI 49546

Dear Bill:

Thank you for arranging the meeting with Utility Advisory Board delegates regarding REGIS services and the City's GIS investments. This has raised three questions for us. First, are the charges for the services sought and rendered reasonable? Second, can REGIS provide these services at a better rate? Third, should the City reevaluate its membership in REGIS?

To begin, the services disclosed in Task #5 of the Rate Study (Known Cost Increases / Decreases) are for on-site support to maintain the Water and Environmental Services Departments GIS layers, implement additional layers as needed, support personnel, training and reporting. In short, this work is required so that GIS data can exist and be shared with partners.

Based on the current expenditure rate, the actual costs for the rate study year will likely be about 65% of what was projected as shown in the table below. Any savings will be reflected in future rate studies.

	Task #5 <u>Contract Authority</u>	Actual Expenditures <u>7/1/11-12/31/11</u>
Sewer	\$172,549.00	\$65,827.80
Water	\$165,614.00	\$62,710.10

Although these appear to be new costs, in fact, they are similar to past costs, but reflected in a different way. In past years, these amounts were previously paid directly to the City's Department of Technology and Change Management and the expense was included in that charge to the water and sewer utilities. The reason that these costs were identified as Known Cost Increases / Decreases in Task #5 this year is that these services are now managed by the Enterprise Services Department (ES) directly. These charges are no longer reflected in technology charges to the utilities as charged by the Department of Technology and Change Management.

The contract for these services is with EMA Inc. The contract was awarded based on quality based selection criteria, not necessarily "low bid". This ensures the best value for the funds expended.

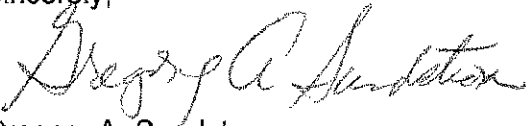
On-site services such as these are not currently provided by REGIS as part of their portfolio. We believe that REGIS had opportunity to submit a proposal to provide these services during the bid process and chose not to propose. In a recent conversation with Dr Jain, he stated that he would consider offering these services. Therefore, there is need to inquire further to understand REGIS' capacity and costs.

The City of Grand Rapids utilizes GIS across many departments, not just Water and Sewer. The existing City infrastructure (network, servers, personnel) allow the City to operate, maintain, and grow our GIS system. Every six months the data/layers for Water and Sewer on the City GIS system are sent to REGIS. REGIS incorporates the data layer into their data fabric. It is not clear why REGIS would not be up to date. Further, the City publishes services for REGIS and others to use and download data as they wish and provide data as requested.

Finally, Kent County has proposed consolidation of REGIS services under County IT-administration, in an effort to remove duplication, reduce overhead costs, and generally improve service delivery. The City has expressed interest in this strategy as one possible means of maintaining valued regional collaboration and strategy. There are other models as well, including our current model, and we are willing to consider those options.

We would be happy to meet to continue these discussions about how these decisions affect our customer partners. Please let me know if you have any questions.

Sincerely,



Gregory A. Sundstrom
City Manager

cc: Eric DeLong, Deputy City Manager, City of Grand Rapids
Mike Lunn, Environmental Services Manager, City of Grand Rapids
George Haga, Township Supervisor, Ada Township
Mike DeVries, Township Supervisor, Grand Rapids Charter Township
Cathy Vander Meulen, City Manager, City of Walker
Brian Donovan, City Manager, City of East Grand Rapids
Ron Woods, Public Works Director, City of Kentwood

771	7710	INVENTORY					\$	470	\$	470		
780	7800	INVENTORY	\$	97,057			\$	1,701	\$	(1,701)		
814	8140	COMPUTER SER	\$	647,352	\$	818,248	\$	543,341	\$	601,152	\$	57,811
816	8160	ENGINEERING SERVICES						\$	315	\$	315	
818	8180	CONTRACTUAL	\$	898,754	\$	1,262,794	\$	957,120	\$	873,214	\$	(83,906)
912	8355	CLAIMS	\$	344,086	\$	377,355	\$	258,883	\$	302,615	\$	43,732
828	8360	MEDICAL/SUPP			\$	500			\$	(39)	\$	(39)
919	8450	INSURANCE PR	\$	146,800	\$	154,327	\$	146,800	\$	152,862	\$	6,062
928	8500	TELEPHONE	\$	78,082	\$	69,848	\$	55,588	\$	57,942	\$	2,354
880	8800	COMMUNITY PR	\$	11,879	\$	11,000	\$	1,811	\$	-	\$	(1,811)
900	9000	PRINTING & P	\$	5,855	\$	4,000	\$	5,385	\$	4,203	\$	(1,182)
921	9210	ELECTRICITY	\$	2,910,497	\$	3,355,000	\$	2,143,360	\$	2,244,763	\$	101,403
922	9220	WATER	\$	5,352	\$	5,200	\$	3,537	\$	3,039	\$	(498)
923	9230	NATURAL GAS	\$	452,125	\$	540,000	\$	287,284	\$	221,869	\$	(65,415)
930	9300	MAINTENANCE	\$	1,500,539	\$	1,149,002	\$	1,270,662	\$	1,099,509	\$	(171,153)
785	9330	PAVEMENT REP	\$	1,165,954	\$	1,971,754	\$	608,151	\$	794,950	\$	186,799
848	9340	SUBSIDY									\$	-
942	9410	BUILDINGS RE	\$	8,234	\$	7,389	\$	4,531	\$	4,765	\$	234
943	9420	EQUIPMENT RE	\$	1,269,687	\$	1,256,750	\$	947,719	\$	825,888	\$	(121,831)
945	9430	LAND RENTAL	\$	1,640	\$	3,000	\$	1,285	\$	2,178	\$	893
947	9440	VEHICLE USAG	\$	26,248	\$	23,910	\$	18,824	\$	16,874	\$	(1,950)
872	9550	PROFESSIONAL	\$	13,904	\$	18,120	\$	12,682	\$	2,255	\$	(10,427)
873	9552	OTHER TRAVEL	\$	12,922	\$	15,000	\$	10,183	\$	19,427	\$	9,244
874	9554	LOCAL BUSINE	\$	450	\$	1,500			\$	15	\$	15
875	9556	MEMBERSHIPS	\$	19,219	\$	18,225	\$	15,335	\$	20,217	\$	4,882
876	9558	SUBSCRIPTION	\$	2,239	\$	3,000	\$	2,044	\$	308	\$	(1,736)
835	9610	FEES	\$	38,895	\$	110,045	\$	2,660	\$	1,450	\$	(1,210)
847	9616	ADMINISTRAT	\$	231,316	\$	167,859	\$	153,310	\$	80,000	\$	(73,310)
810	9620	BAD DEBT WRI	\$	22,437					\$	664	\$	664
959	9622	REFUSE COLLE	\$	6,116	\$	9,300	\$	4,474	\$	4,823	\$	349
963	9624	PROPERTY TAXES							\$	1,051	\$	1,051
952	9630	CAPITAL CONT**	\$	-							\$	-
950	9680	DEPRECIATION	\$	-							\$	-
978	9740	BOOKS/OTHER							\$	130	\$	130
981	9750	FURNITURE	\$	1,523	\$	6,500	\$	1,523	\$	-	\$	(1,523)
982	9760	EQUIPMENT	\$	54,853	\$	234,419	\$	8,487	\$	119,260	\$	110,773
986	9800	CONSTRUCTION					\$	46			\$	(46)
995	9950	INTEREST & P	\$	5,668,529	\$	6,821,831	\$	2,631,262	\$	2,893,736	\$	262,474
996	9960	APPROPRIATIO			\$	(1,065,000)			\$	-	\$	-
999	9990	OPERATING TR - GOF	\$	791,462	\$	743,226	\$	593,597	\$	557,418	\$	(36,179)
999	9990	OPERATING TR - CASH PROJECTS			\$	-					\$	-
		EXPEND TOTAL	\$	31,827,267	\$	33,880,961	\$	21,711,073	\$	22,351,647	\$	640,574
		NET INCOME (LOSS)	\$	12,665,859	\$	10,678,874	\$	9,177,105	\$	7,060,636	\$	(2,116,469)

SUBFUND : 500		RECEIVING/OPERATIONS					ESD	
SEWAGE DISPOSAL SYSTEM								
COMPARISON OF THIRD QUARTER FY 2012 TO FY 2011								
FUND SUMMARY INQUIRY								

919	8450	INSURANCE PR	\$ 157,329	\$ 184,580	\$ 157,329	\$ 182,827	\$ 25,498
928	8500	TELEPHONE	\$ 117,367	\$ 145,753	\$ 86,498	\$ 93,796	\$ 7,298
900	9000	PRINTING & P	\$ 10,081	\$ 10,600	\$ 4,828	\$ 7,975	\$ 3,147
921	9210	ELECTRICITY	\$ 2,244,504	\$ 2,615,332	\$ 1,459,945	\$ 1,561,918	\$ 101,973
922	9220	WATER	\$ 37,258	\$ 51,931	\$ 28,691	\$ 27,656	\$ (1,035)
923	9230	NATURAL GAS	\$ 246,640	\$ 325,200	\$ 165,421	\$ 142,212	\$ (23,209)
930	9300	MAINTENANCE	\$ 221,637	\$ 444,281	\$ 173,656	\$ 116,606	\$ (57,050)
931	9310	HOME REPAIR	\$ 31,133	\$ 167,095	\$ 16,331	\$ 93,552	\$ 77,221
785	9330	PAVEMENT REP	\$ 60,056		\$ 21,668	\$ 100,925	\$ 79,257
942	9410	BUILDINGS RE	\$ 22,625	\$ 20,933	\$ 12,325	\$ 13,524	\$ 1,199
943	9420	EQUIPMENT RE	\$ 1,387,267	\$ 1,291,482	\$ 909,675	\$ 881,085	\$ (28,590)
945	9430	LAND RENTAL	\$ 4,207	\$ 7,500	\$ 3,783	\$ 3,471	\$ (312)
947	9440	VEHICLE USAG	\$ 11,510	\$ 12,962	\$ 8,430	\$ 13,335	\$ 4,905
872	9550	PROFESSIONAL	\$ 6,633	\$ 10,180	\$ 2,685	\$ 5,053	\$ 2,368
873	9552	OTHER TRAVEL	\$ 15,899	\$ 39,100	\$ 9,145	\$ 26,925	\$ 17,780
874	9554	LOCAL BUSINE	\$ 3,379	\$ 3,600	\$ 3,039	\$ 1,343	\$ (1,696)
875	9556	MEMBERSHIPS	\$ 11,433	\$ 17,290	\$ 5,845	\$ 5,950	\$ 105
876	9558	SUBSCRIPTION	\$ 427	\$ 5,700	\$ 137	\$ 191	\$ 54
835	9610	FEES	\$ 20,247	\$ 24,575	\$ 20,247	\$ 20,478	\$ 231
810	9620	BAD DEBT WRI	\$ 9,194				\$ -
959	9622	REFUSE COLLE	\$ 42,703	\$ 3,383	\$ 29,461	\$ 2,919	\$ (26,542)
952	9630	CAPITAL CONT**	\$ -				\$ -
950	9680	DEPRECIATION	\$ -				\$ -
974	9720	LAND IMPROVE					\$ -
981	9750	FURNITURE	\$ 1,425	\$ 14,000	\$ 1,425	\$ 3,092	\$ 1,667
982	9760	EQUIPMENT	\$ 9,026	\$ 156,000	\$ 5,086	\$ 15,155	\$ 10,069
986	9800	CONSTRUCTION				\$ (3,673)	\$ (3,673)
995	9950	INTEREST & P	\$ 11,239,789	\$ 12,607,019	\$ 5,681,630	\$ 6,052,795	\$ 371,165
996	9960	APPROPRIATIO		\$ (1,030,000)		\$ -	\$ -
999	9990	OPERATING TR - GOF	\$ 2,918,680	\$ 2,706,112	\$ 2,201,505	\$ 1,825,379	\$ (376,126)
999	9990	OPERATING TR - CASH PROJECTS					\$ -
		EXPEND TOTAL	\$ 35,455,282	\$ 39,104,306	\$ 22,754,604	\$ 23,747,520	\$ 992,916
		REVENUE LESS EXPENDITURES	\$ 15,823,079	\$ 12,355,749	\$ 9,574,876	\$ 8,266,326	\$ (1,308,550)

WATER SYSTEM RECEIVING/OPERATIONS (ENWSS500)

STATEMENT OF OPERATIONS

	2011 Actuals*	2012 Adopted	2012 Amended	2012 Adopted Estimate	2013 Adopted Proposed	2014 Adopted Forecast	2015 Adopted Forecast	2016 Adopted Forecast	2017 Adopted Forecast
REVENUE									
RECEIVING/OPERATIONS (ENWSS500)									
401 Taxes	0	0	0	0	0	0	0	0	0
450 Licenses And Permits	24,370	20,000	20,000	29,440	30,000	30,000	30,000	30,000	30,000
501 Intergovernmental Revenues	0	0	0	0	0	0	0	0	0
600 Charges For Services	40,310,567	39,871,535	39,871,535	40,098,894	41,527,791	42,371,955	43,233,410	44,112,515	45,009,635
655 Fines And Forfeitures	1,342,867	1,500,000	1,500,000	1,134,500	1,273,638	1,298,111	1,325,093	1,351,595	1,378,627
664 Interest And Rents	901,817	937,730	937,730	654,730	698,730	748,371	776,013	802,433	834,633
671 Other Revenue	169,430	36,000	36,000	0	0	0	0	0	0
695 Other Financing Sources	1,991,121	2,024,711	2,024,711	2,218,625	1,987,718	2,043,027	2,089,077	2,112,307	2,135,530
RECEIVING/OPERATIONS Total Revenue	44,740,172	44,389,976	44,389,976	44,136,189	45,517,877	46,490,464	47,453,593	48,408,850	49,388,425
EXPENDITURES									
RECEIVING/OPERATIONS (ENWSS500)									
701 Personal Services	13,766,407	13,934,009	13,934,009	13,962,607	13,471,454	13,848,100	14,153,094	14,259,521	14,372,367
726 Supplies	2,946,242	2,962,850	2,962,850	2,786,047	3,021,400	3,081,652	3,143,108	3,205,794	3,289,733
800 Other Services And Charges	8,654,626	8,752,154	8,752,154	8,410,704	8,322,988	8,723,492	9,300,763	10,046,300	9,649,892
970 Capital Outlay	0	189,500	240,919	160,193	330,300	333,300	330,300	330,300	330,300
980 Debt Service	5,668,529	6,821,831	6,821,831	5,890,820	5,902,051	5,817,635	5,446,620	5,261,468	4,787,776
986 Appropriation Lapse	0	(1,065,000)	(1,065,000)	0	(1,030,000)	(1,085,000)	(1,105,000)	(1,143,000)	(1,137,000)
989 Transfers Out - Cost Allocation & Dev Center	791,462	743,226	743,226	742,931	1,064,941	1,095,890	1,129,796	1,163,690	1,198,601
999 Transfers Out - Capital Cash Projects	225,000	225,000	225,000	225,000	2,011,000	4,959,000	4,210,000	5,050,000	300,000
RECEIVING/OPERATIONS Total Expenditures	31,827,266	32,562,570	33,938,102	32,178,302	33,094,144	36,795,069	36,608,681	38,194,073	32,771,689
RECEIVING/OPERATIONS NET INCOME (LOSS)	12,912,906	11,827,406	10,451,874	11,957,887	12,423,733	9,695,395	10,844,912	10,214,777	16,616,736
Less: Payment of Debt Service Principal	(9,110,000)	(9,110,000)	(9,110,000)	(9,110,000)	(9,610,000)	(10,086,000)	(11,059,000)	(11,477,000)	(12,548,000)
Net Change in Available Cash	2,717,406	1,341,874	1,341,874	2,847,887	2,813,733	(400,605)	(214,088)	(1,262,223)	4,068,736
Unrestricted Cash - Beginning of Year									
Unrestricted Cash - End of Year	16,882,196	19,599,602	18,224,070	19,730,083	22,543,816	22,143,211	21,929,123	20,666,900	24,735,636
Reserve Targets:									
Assigned to Reserves - 25% of Current Spending	7,956,816	10,418,143	10,762,026	10,322,076	10,676,036	11,722,767	11,916,920	12,417,768	11,328,922
Unassigned Cash	8,925,380	8,181,459	7,462,044	9,408,008	11,867,780	10,420,444	10,012,203	8,249,132	13,405,714
Total	16,882,196	19,599,602	18,224,070	19,730,083	22,543,816	22,143,211	21,929,123	20,666,900	24,735,636
Unassigned Cash as a % of Total Current Spending	28.04%	22.03%	17.33%	22.79%	27.79%	22.22%	21.00%	16.61%	29.55%
CASH BASIS DEBT SERVICE-SENIOR	14,874,785	14,892,528	14,892,528	14,892,528	15,060,608	15,076,278	15,167,828	15,162,965	15,222,265
DEBT COVERAGE RATIO-SENIOR DEBT	1.23	1.27	1.17	1.21	1.35	1.36	1.35	1.36	1.43
CASH BASIS DEBT SERVICE-JUNIOR					228,275	634,358	1,148,000	1,446,129	1,981,038
DEBT COVERAGE RATIO-ALL DEBT					1.33	1.30	1.26	1.24	1.26

* Per CAFR, debt coverage ratio per Continuing Disclosure

City of Grand Rapids
Dept. Budget Variance by Subfund - Revenue
Budget 2013, Version 1
WATER (4300000000000)

WATER SUPPLY SYSTEM FUND - DEPT 43 - REVENUE

Subfunds	2012 Adopted	2013 Adopted	Variance	% Change	Comments
RECEIVING/OPERATIONS (ENWSS500)					
451006 CONTRACTOR UNDERGROUND LICENSE	10,000	10,000	0	0.0%	
476012 TAPPING PERMITS	10,000	20,000	10,000	100.0%	BASED ON FY12 ESTIMATE OF \$19,440. FY11 ACTUAL WAS \$17,280 INCREASE IN THE NUMBER AND TYPE OF FEES POSTED TO THIS ACCOUNT AS A RESULT OF THE NEW GIS SYSTEM; MUCH OF THIS REVENUE WAS PREVIOUSLY POSTED TO THE RETAIL WATER REVENUE ACCOUNT.
607001 MISCELLANEOUS SERVICE FEES	10,000	437,556	427,556	4275.6%	
607003_OLD Monthly Statement Service Fees	220,000	0	(220,000)	(100.0%)	THIS FEE HAS BEEN ELIMINATED EFFECTIVE AUGUST 2011
607003_OLD Services For Contractors	35,000	75,000	40,000	114.3%	FIELD OPS EXPECTED TO BILL OUT MORE SERVICES
607050_OLD Inspection Fees - Utilities	35,000	33,200	(1,800)	(5.1%)	
607051 FRONT FOOTAGE	50,000	20,000	(30,000)	(60.0%)	FY11 ACTUAL WAS \$23,059; FY12 EST IS \$14,100
607052 METER SETTING FEES	25,000	33,000	8,000	32.0%	
607053 INTEGRATED CONNECTION FEES	600,000	700,000	100,000	16.7%	BASED ON FY12 ESTIMATE OF \$699K
607111_OLD Fire Hydrant Billings	62,000	62,000	0	0.0%	
642008 OTTAWA COUNTY WATER SALES	1,204,191	0	(1,204,191)	(100.0%)	MOVED TO 642012; ACCOUNT STRUCTURE CONSOLIDATED FOR GP-FM (NEW FINANCIAL SYSTEM) CALENDAR 2012 RATE INCREASE OF 5.15%; 2013 RATE INCREASE PROJECTED AT 2%
642011 RETAIL METERED WATER SALES	35,376,169	36,599,332	1,223,163	3.5%	ACCOUNT STRUCTURE CONSOLIDATED FOR GP-FM (NEW FINANCIAL SYSTEM) - NOW INCLUDES ADA AND OTTAWA COUNTY WHOLESALE SALES; 2012 RATE INCREASES; 2013 RATE INCREASE PROJECTED AT 2%
642012 WHOLESALE WATER SALES	899,943	3,472,203	2,572,260	285.8%	
642013 WYOMING WATER SALES	10,000	13,500	3,500	35.0%	
642021 ADA WATER SALES	1,294,232	0	(1,294,232)	(100.0%)	MOVED TO 642012; ACCOUNT STRUCTURE CONSOLIDATED FOR GP-FM (NEW FINANCIAL SYSTEM) METERED HYDRANT WATER SALES AND ASSOCIATED PERMIT FEES, VIOLATIONS AND FINES
642024 UNMETERED WATER SALES	50,000	82,000	32,000	64.0%	FY09: \$1,224,162; FY10: 1,264,091; FY11: 1,342,867; FY12 PROJECTED TO BE \$1,035,115; FY12 IS LOW
659002 WATER PENALTIES	1,500,000	1,273,638	(226,362)	(15.1%)	DUE TO SUSPENSION OF PENALTIES DURING CIS GO-LIVE
665002 OTHER INTEREST INCOME	10,000	0	(10,000)	(100.0%)	IMMATERIAL AND UNPREDICTABLE - CONSERVATIVE TO BUDGET ZERO
667003 RENTALS - FACILITIES	577,730	498,730	(79,000)	(13.7%)	SEVERAL LEASES TERMINATED DUE TO CONSOLIDATION WITHIN THE WIRELESS INDUSTRY IMMATERIAL, SIGNIFICANT VARIATION AND OFFSET BY NEGATIVE BALANCE IN NSF ACCOUNT
672002 INTEREST/PENALTIES ON SPEC ASSM	20,000	0	(20,000)	(100.0%)	(694012) - ZERO IS CONSERVATIVE
676017 REIMB.FOR PERSONAL USE OF CITY	1,000	0	(1,000)	(100.0%)	IMMATERIAL, SIGNIFICANT VARIATION AND OFFSET BY NEGATIVE BALANCE IN NSF ACCOUNT
694004 CLAIMS/DAMAGE BILLINGS	15,000	0	(15,000)	(100.0%)	(694012) - ZERO IS CONSERVATIVE
699001 OPERATING TRANSFERS IN	2,024,711	1,987,718	(36,993)	(1.8%)	CUSTOMER SERVICE BILLING TO SEWER DISPOSAL FUND BASED ON ESTABLISHED FORMULA
RECEIVING/OPERATIONS Total	44,039,976	45,317,877	1,277,901	2.9%	
INTEREST INCOME	350,000	200,000			
TOTAL REVENUE PER FUND STATEMENT	<u>44,389,976</u>	<u>45,517,877</u>			

City of Grand Rapids									
Dept. Budget Variance by Subfund - Expense									
Budget 2013, Version 1									
WATER (4300000000000)									

WATER CAPITAL PROJECTS PER FUND STATEMENT OF 3/26/12

Fiscal Year	Project Name	Funding Source	Amount	WSS FUNDS	BONDS	ZONEGATING INFO
2013	Coldbrook Supervisory Control and Data Acquisition	Water Supply System Fund	200,000	200,000		Integrated
2013	Eastside Combined Sewer Overflow - Contract No. 26A	Bonds - Water	250,000		250,000	Integrated
2013	Booster D Fiber optic	Water Supply System Fund	100,000	100,000		Integrated
2013	Water Customer Service- Cayenta interface development and implementation	Water Supply System Fund	250,000	250,000		Integrated
2013	LMFP - Concrete Repairs - Phase 8 (DWRF)	Bonds - Water	450,000		450,000	Integrated
2013	Ionia Avenue - Buckley Street to Wealthy Street; McConnell Street - Ionia Avenue to Di	Water Supply System Fund	650,000	650,000		C 50%, K 50%
2013	Watermain Oversizing	Water Supply System Fund	50,000	50,000		Integrated
2013	East Paris Station Improvements (DWRF)	Bonds - Water	4,071,000		4,071,000	Integrated
2013	LMFP Drain Field (DWRF)	Water Supply System Fund	100,000	100,000		Integrated
2013	Division Avenue - Franklin Street to Wealthy Street	Water Supply System Fund	26,000	26,000		
2013	Division Avenue - Franklin Street to Wealthy Street	Water Supply System Fund	185,000	185,000		
2013	Eastside Combined Sewer Overflow - Contract No. 26B	Bonds - Water	381,000		381,000	
2013	Eastside Combined Sewer Overflow - Contract No. 23	Bonds - Water	125,000		125,000	
2013	LMFP - HVAC Improvements	Water Supply System Fund	200,000	200,000		Integrated
2013	Watermain Lining Maintenance	Water Supply System Fund	250,000	250,000		
		TOTAL 2013	7,288,000	2,011,000	5,277,000	
2014	LMFP - master electrical control panels	Water Supply System Fund	50,000	50,000		Integrated
2014	Franklin pumps 1 & 3, motor starters and low service pump VFD's	Water Supply System Fund	1,000,000	1,000,000		Franklin station integration
2014	Coldbrook Supervisory Control and Data Acquisition	Water Supply System Fund	2,000,000	2,000,000		Integrated
2014	Knapp Street - Wyndham Hill to Ball - 24" Watermain in parkway	Water Supply System Fund	320,000	320,000		Integrated
2014	LMFP - HVAC Improvements	Water Supply System Fund	200,000	200,000		Integrated
2014	Millbank Street - Giddings Avenue to Newcastle Avenue and Derbyshire Street - Giddin	Water Supply System Fund	300,000	300,000		Integrated
2014	LMFP - Low Lift Pumps 1 and 2 High Efficiency Motor Upgrades	Water Supply System Fund	80,000	80,000		Integrated
2014	LMFP - Concrete Repair Phase 5 (DWRF)	Bonds - Water	500,000		500,000	
2014	Wealthy Street - US131 to Division Avenue	Water Supply System Fund	600,000	600,000		
2014	Livingston Pumping Station - Second Discharge Line from, Contract No. 1 (DWRF)	Bonds - Water	550,000		550,000	GR 82%, K 5%, A 4%, C 1%, GRT 8%
2014	Division Avenue - Franklin Street to Wealthy Street	Water Supply System Fund	109,000	109,000		W 100%
2014	Four Mile Road Elevated Storage Tank - Construction (DWRF)	Bonds - Water	1,900,000		1,900,000	W 100%
2014	Four Mile Road Watermain - design and construction (DWRF)	Bonds - Water	2,000,000		2,000,000	C 100%
2014	Cascade north river crossing (DWRF)	Bonds - Water	3,600,000		3,600,000	
2014	Watermain Oversizing	Water Supply System Fund	50,000	50,000		
2014	Watermain Lining Maintenance	Water Supply System Fund	250,000	250,000		
		TOTAL 2014	13,509,000	4,959,000	8,550,000	
2015	Eastside Combined Sewer Overflow - Contract No. 27	Water Supply System Fund	1,205,000	1,205,000		
2015	Eastside Combined Sewer Overflow - Contract No. 21	Water Supply System Fund	650,000	650,000		
2015	Watermain Lining Maintenance	Water Supply System Fund	250,000	250,000		
2015	LMFP - Replace High Service Pump #7	Water Supply System Fund	1,000,000	1,000,000		Integrated
2015	Livingston Pumping Station - Second Discharge Line from, Contract No. 1 (DWRF)	Bonds - Water	5,755,000		5,755,000	GR 82%, K 5%, A 4%, C 1%, GRT 8%

Fiscal Year	Project Name	Funding Source	Amount	WSS FUNDS	BONDS	ZONEGATING INFO
2015	Eastside Combined Sewer Overflow - Contract No. 22	Water Supply System Fund	630,000	630,000		
2015	Wilson Pump Station Improvements (DWRF)	Bonds - Water	771,000		771,000	GR 23%, W 74%, Tail 3%
2015	Lake Michigan Filtration Plant - Replace Filter Cells 3, 5, 7 & 9 (DWRF)	Bonds - Water	2,200,000		2,200,000	Integrated
2015	State Street - Jefferson Avenue to Lafayette Avenue	Water Supply System Fund	150,000	150,000		
2015	Watermain Oversizing	Water Supply System Fund	150,000	150,000		
2015	Bostwick Avenue - Lyon Street to Crescent Street	Water Supply System Fund	175,000	175,000		
	TOTAL 2015		12,936,000	4,210,000	8,726,000	
2016	North Lake Line - Full Condition Assessment	Water Supply System Fund	500,000	500,000		Integrated
2016	LMFP - High Service Pumps #3 and #4 - VFD and Motor starter replacement	Water Supply System Fund	750,000	750,000		Integrated
2016	Watermain Lining Maintenance	Water Supply System Fund	250,000	250,000		
2016	Watermain Oversizing	Water Supply System Fund	50,000	50,000		
2016	Adams Pressure district Modifications	Water Supply System Fund	1,600,000	1,600,000		
2016	Monroe tank valves	Water Supply System Fund	100,000	100,000		
2016	Eastside Combined Sewer Overflow - Contract No. 28	Water Supply System Fund	1,800,000	1,800,000		
	TOTAL 2016		5,050,000	5,050,000		
2017	Watermain Oversizing	Water Supply System Fund	50,000	50,000		
2017	Watermain Lining Maintenance	Water Supply System Fund	250,000	250,000		
2017	Livingston Pumping Station - Second Discharge Line from, Contract No. 3 (DWRF)	Bonds - Water	1,850,000		1,850,000	GR 82%, K 5%, A 4%, C 1%, GRT 8%
2017	Livingston Pumping Station - Second Discharge Line from, Contract No. 2 (DWRF)	Bonds - Water	2,815,000		2,815,000	GR 82%, K 5%, A 4%, C 1%, GRT 8%
	TOTAL 2017		4,965,000	300,000	4,665,000	
	ALL YEARS		43,748,000	16,530,000	27,218,000	

#7

Area Community Service Employment Training Council (ACSET)
Water/Sewer Assistance - ICBAP
First Quarter - January 1 through March 31

City of Grand Rapids	2012	2011
Grant Amount Authorized	\$ 167,859.00	\$ 158,006.00
First Draw	(80,000.00)	(80,000.00)
Second Draw	- **	-
Unused Balance	<u>\$ 87,859.00</u>	<u>\$ 78,006.00</u>
ACSET		
First Draw	\$ 80,000.00	\$ 80,000.00
Used 1/1-3/31	(88,890.31)	(15,699.84)
Admin. Fee 1/1-3/31	(8,889.03)	(1,569.98)
Available Balance	<u>\$ (17,779.34)</u>	<u>\$ 62,730.18</u>
Total Water Client Assistance	\$ 88,890.31	\$ 15,699.84
Total Admin. Fee Paid	8,889.03	1,569.98
Total Grant Used	<u>\$ 97,779.34</u>	<u>\$ 17,269.82</u>

**Note: Second Draw Paid April 2, 2012

Demographic Summary for 1st Quarter

Total Households Served	140	50
Total Persons Served	494	182
Average Household Size	3.53	3.64
No. of Single Head of Family	64	24
Average Request Amount	\$634.93	\$314.00
Failed Screening Process	49	51
Denied After Completed Process	3	1

Households by Jurisdiction for 1st Quarter

Grand Rapids	133	47
Cascade Township	1	0
Grand Rapids Township	0	1
Kentwood	2	2
Tallmadge Township	1	0
Walker	3	0
Wright Township	0	0



GRAND RAPIDS WATER SYSTEM: 2011 WATER QUALITY REPORT

#80

Serving residential and commercial customers in the City of Grand Rapids as well as our partner communities of Ada Township, Cascade Township, City of East Grand Rapids, Grand Rapids Township, City of Kentwood, Tallmadge Township, City of Walker and portions of Ottawa County.

Why Do You Get This Report?

The Environmental Protection Agency (EPA) requires every community water supply throughout the United States to report specific details regarding water quality along with any contaminants which may be found in our tap water and source water. In order to ensure this information reaches all of our customers, the EPA requires this report be mailed to each household and business we supply.

Lead and Drinking Water:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Grand Rapids Water System is responsible for providing high quality drinking water, but cannot control the varieties of materials used in plumbing components. Water that has been sitting for several hours has the potential to pick up these contaminants. In order to minimize the potential exposure you can flush the tap for 30 seconds to 2 minutes before using it for drinking or cooking. If you are concerned about lead in your water, you may wish to have it tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the safe drinking water hotline at 1(800)426-4791 or their website at <http://www.epa.gov/safewater/lead>.

The City of Grand Rapids implemented a corrosion control program in 1994 to reduce the amount of lead possibly leaching from household plumbing and is monitored following EPA guidelines. Prior to the corrosion program, 37% of the homes tested had lead levels above EPA's lead limit. Since the implementation of this program the lead levels have been significantly reduced, and in our most recent round of testing, none of the 50 homes tested had a lead level above the action limit.

Do I Need to Take Special Precautions?

The EPA sets legal limits and regulates the amount of contaminants allowed in drinking water provided by all public water systems. Sources of drinking water worldwide (both tap and bottled) may reasonably be expected to contain at least small amounts of some contaminants. Though contaminants are present, it does not necessarily indicate that the water poses any kind of health risk. We treat our water according to EPA regulations.

While EPA's health-based standards for drinking water are generally safe, some people may be more sensitive to contaminants in drinking water than the general population. Some infants, children or elderly, individuals who have undergone organ transplants, people with HIV/AIDS or persons receiving chemotherapy can be at risk for infections. These people should seek advice from their health care providers. More information on potential health effects of specific contaminants can be obtained by contacting the EPA's Safe Drinking Water hotline at 1(800)426-4791 or at their website at <http://www.epa.gov/safewater/dwhealth.html>.

About Contaminants:

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animal or human activity.

Contaminants that may be present in source water include: **Microbial contaminants** such as viruses and bacteria which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; **Inorganic contaminants** such as salts and metals which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming; **Pesticides and herbicides** which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses; **Organic chemical contaminants** including synthetic and volatile organic chemicals which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems; and **Radioactive contaminants** can be naturally-occurring or be the result of oil and gas production and mining activities.

More Information:

If you have questions regarding your bill, leaks or other water quality or service related issues, please call Water Customer Service at 456-3200, during normal business hours Monday through Friday. The Grand Rapids City Commission sets policies for the water system. For meeting dates and times call 456-3168. En Espanol: Este informe contiene información muy importante sobre el agua potable que le provee a Ud. La ciudad de Grand Rapids. Tradúzcalo o hable con alguien que lo entienda bien.

Source Water Assessment:

Lake Michigan is the sole source of water treated for the Grand Rapids Water System. This is considered a surface water source. The MDEQ completed a Source Water Assessment for the City of Grand Rapids water supply in 2003. This report found that our water supply has a moderately high susceptibility to contaminants. Environment contamination is not likely to occur when potential contaminants are used and managed properly. The Grand Rapids Water Treatment Plant routinely and continuously monitors the water for a variety of chemicals to assure safe drinking water. Industrial chemicals have not been detected in our source or treated water. The Grand Rapids Water System continues to be involved in and supports watershed protection efforts. If you wish information about the Source Water Assessment or have questions concerning the water quality testing results in this report contact:

John Allen, Filtration Plant Superintendent
Carl Palma, Chemist II

616-456-3927 or jallen@grcity.us
616-456-3700 or cpalma@grcity.us

Systems serving 10,000 or more are not eligible for a mailing waiver.

Please see reverse side for 2011 Water Quality Data

ALL USERS SHOULD RECEIVE A COPY OF THIS REPORT. PLEASE CALL 616-456-3200 FOR ADDITIONAL COPIES.

2011 Water Quality Data

Regulated at the Treatment Plant

Substance	Units	Range of Detections	Highest Level Detected	MCL	MCLG	Violations	Likely Sources
Barium	ppm	0.020 - 0.028	0.028	2	2	No	Erosion of natural deposits
Chromium	ppb	n.d.		100	100	No	Erosion of natural deposits
Fluoride	ppm	0.41 - 1.19	1.19	4	4	No	Water additive which promotes strong teeth
Nitrate	ppm	0.02 - 0.93	0.93	10	10	No	Erosion of natural deposits
Turbidity*	NTU	0.012 - 0.078	0.078	TT	n/a	No	Soil runoff

*Our treatment for turbidity was in 100% compliance of the regulatory limit. We are allowed a minimum of 95% compliance.

Regulated in the Distribution System

Substance	Units	Range of Detections	Maximum Running Annual Average	MCL or MRDL	MCLG or MRDLG	Violations	Likely Sources
Chlorine Residual	ppm	0.04 - 1.69	1.1	4	4	No	Water additive used to control microbes
Habacetic Acids	ppb	5.9 - 37.0	26	60	n/a	No	By-product of drinking water chlorination
Total Trihalomethanes	ppb	17.9 - 56.3	37.6	80	n/a	No	By-product of drinking water chlorination

Regulated at the Customer's Tap

Substance	Units	Range of Detections	90th Percentile	AL	MCLG	# of Samples exceeding AL	Likely Sources
Copper (tested in 2010)	ppm	n.d. - 0.127	0.063	1.3	1.3	0	Corrosion of household plumbing system
Lead (tested in 2010)	ppb	n.d. - 5	4	15	0	0	Corrosion of household plumbing system

Unregulated Contaminants

Substance	Units	Range of Detections	Average	Likely Sources
Sodium	ppm	9	9	Mineral and nutrient

Cryptosporidium and Giardia

Cryptosporidium and Giardia are microscopic organisms that are commonly found in surface water throughout the U.S. Historical sampling of the Lake Michigan Filtration Plant source water indicates it is a low risk for contamination from these organisms. The current test methods are not capable of determining if detected organisms are alive and capable of causing illness or dead.

Source Water - There were no Cryptosporidium or Giardia detected in our source.

Treated Tap Water - There were no Cryptosporidium or Giardia detected in any treated tap water samples.

Note: The data table contains the highest annual test results for all required and voluntary monitoring of regulated substances. The Grand Rapids Water System monitors many regulated substances more frequently than required, and as a consequence, these results are included in the table above.

Key

MRDL = Maximum Residual Disinfection Level - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG = Maximum Residual Disinfection Level Goal - The level of drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

MCLG = Maximum Contaminant Level Goal - The level of a substance below which there is no known or expected health risk. n/a = not applicable

MCL = Maximum Contaminant Level - This is the highest level of a substance allowed in drinking water. NTU = Nephelometric Turbidity Units - Measurements of the minute suspended particles in the water. Used to judge water clarity.

ppm = parts per million - You win one million-dollars in the lottery. You give a friend one dollar. That's 1ppm. TT = Treatment Technique - A required process intended to reduce the level of a substance in drinking water.

ppb = parts per billion - You inherit \$10 million dollars. When counting it you discover one cent is missing. That is 1pt. AL = Action Level - The amount of a substance when exceeded requires a treatment change or other response by a water system.

#82

FAQ – Homeowner Water Service Line Insurance Plans

Are these offerings legitimate?

We believe that HomeServe USA and their insurance offerings for water line breaks are legitimate. There may be other companies offering similar programs now or in the future. If you have any questions regarding the legitimacy of any offering, please contact the Better Business Bureau at: <http://westernmichigan.bbb.org/Find-Business-Reviews/>

Neither the City of Grand Rapids nor the Water System endorses this program. The decision to purchase this insurance is an individual one and depends on which risks a person is willing to bear. If you are considering purchasing this insurance, we advise you to get complete information regarding the terms of the plan, including what is covered and what is not.

What is the chance that my service line will break?

Data from 2009 and 2010 shows that across the Grand Rapids service area, approximately 0.2 to 0.3 percent of water service lines have a problem (break or leak) annually. Said another way, this would be about one in every 400 service lines each year. However, if your service line is made of a material other than copper, such as plastic or lead, the percentages are much higher.

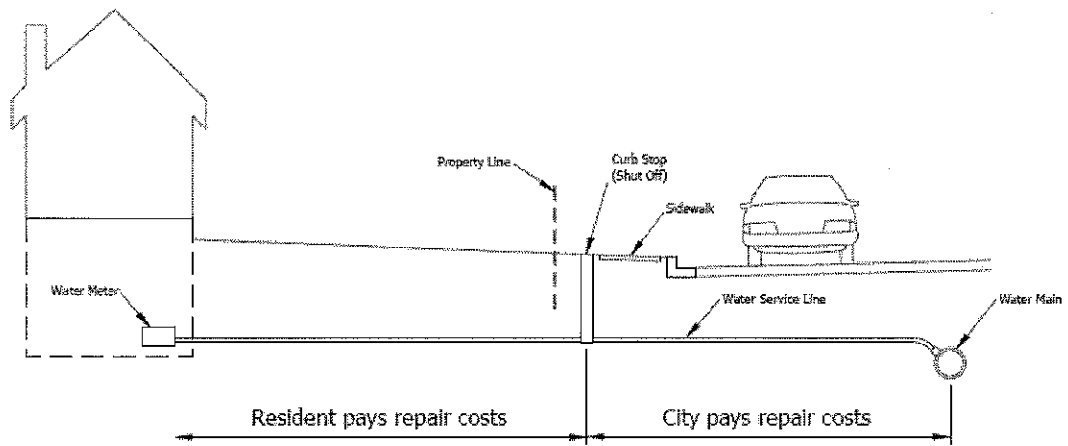
Out of 17 water service line failures within the City of Grand Rapids, 12 were lead pipes and five were “blue plastic.” Similar data shows that out of 12 service line failures in communities we serve outside of the City of Grand Rapids, 11 were “blue plastic” or black polyethylene, and only one was copper. Lead service lines will not be found in communities outside of the City.

How can I find out if I have a copper service line or if it is some other material?

You can call Jessie in the City’s Development Center at 456-3041 and chances are she will be able to tell you from historic records about your service line material. If not, you may be able to determine by examining the pipe as it enters your basement or crawl space. If the pipe is plastic, it will likely be clear, blue or black. If it is metal but soft enough to scratch with your fingernail or easily with a key and appears silver in color, it is likely a lead pipe. Alternatively, you may contact a plumber to provide you with this information along with an estimate for replacement.

I thought the Water Department was responsible for my service line?

If you are a customer of the Grand Rapids Water System, the System is responsible for the portion of your service located in the street and up to and including the “curb stop” or shut-off valve, which is generally located at or near the property line. From that point on, you are responsible for the piping that supplies water to and within your home. Please see the drawing below for a schematic.



**Water/Sewer UAB Report
March 2012**

Project Name	Contractor	Award Date	Substantial Completion Date	Final Completion Date	Water Fund Authorized NTE Amt	Sewer Fund Authorized NTE Amt	Est. Year for Rates	Integrated (Y/N)
Eastside Sewer Improvements Program Separation Project Contract No. 18 - Reconstruction of UNION AVENUE from Wealthy St to Evans St; EVANS STREET from Union Ave to Henry Ave; JAMES AVENUE from Donovan Ct to Cherry St; HENRY AVENUE from Wealthy St to Cherry St; and Resurfacing of UNION AVENUE from Evans St to Cherry St	Georgetown Construction Co.	1/24/2012	10/1/2012	10/26/2012	\$267,000.00	\$2,353,000.00	2013	Non- Integrated GR
Storm Sewer Improvements in FULTON STREET, WORCESTER DRIVE, SOMERSET DRIVE, KENT BOULEVARD, BALTIMORE DRIVE and in PUBLIC EASEMENT(NE) (Marvland Estates)	Wyoming Excavators, Inc.	3/13/2012	8/31/2012	10/31/2012	N/A	\$2,452,000.00	2013	Non- Integrated GR
Eastside Sewer Improvements Program Separation Project Contract No. 23A- Reconstruction of BALDWIN STREET from Eastern Ave to Diamond Ave; DWIGHT AVENUE from Lake Dr to Fulton St; VANDENBERG PLACE from Baldwin St to Fulton St; CONGRESS AVENUE from Baldwin St to Fulton St; DIAMOND PLACE from Baldwin St to Maris Ct; MARIS COURT from Diamond Pl to Diamond Ave; FITCH PLACE from South End to Lake Dr; and WINDSOR TERRACE from Union Ave to Fitch Pl	Nagel Construction, Inc.	3/27/2012	11/2/2012	11/16/2012	\$1,504,000.00	\$671,000.00	2013	Non- Integrated GR
Reconstruction of OAKES STREET from Market Ave to Ottawa Ave	Dykema Excavators, Inc.	3/27/2012	6/8/2012	10/15/2012	\$162,000.00	N/A	2013	Non- Integrated GR
Structural Modifications to Storm Trunk Sewer and Street Lighting Conduit Relocation in connection with the Amtrak Station Relocation	N/A	N/A	N/A	N/A	N/A	\$315,000.00	2012	Non- Integrated GR

#9